

AMENDMENTS TO THE CLAIMS, COMPLETE LISTING OF CLAIMS
IN ASCENDING ORDER WITH STATUS INDICATOR

1. (Currently Amended) A photogravure printing plate precursor comprising
(A) a photogravure plated roll, and
(B) a positive-type photosensitive composition for photogravure printing consisting
of
novolac resin, resol resin, polyvinyl phenolic resin or copolymer of acrylic acid
derivative having phenolic hydroxyl group, and
a phthalocyanine pigment or a cyanine pigment, said pigment having an absorbing
region at a part of or an entire infrared wavelength range, having a characteristic for absorbing
laser beam in the infrared wavelength region to perform a thermolysis, and
any one of adherence characteristic reforming agents selected from the group
consisting of
(1) vinyl pyrrolidone/vinylacetate copolymers,
(2) polyvinylbutyral,
(3) styrene/maleic acid copolymers,
(4) vinylpyrrolidone/dimethylaminoethylmethacrylate copolymers,
(5) terpolymers of vinylpyrrolidone/vinylcaprolactam/dimethylaminoethyl
methacrylate,
(6) terpenephenolic resin,
(7) alkylphenolic resin,
(8) polyvinylformal resin,
(9) melamine/formaldehyde resin,
(10) polyvinyl acetate, and
(11) ketone resin,
wherein the positive-type photosensitive composition is coated on ~~a~~ the photogravure
plated roll.

2. (Previously Presented) A method for making a photogravure plate, said method
comprising the steps of:

(A) coating a positive-type photosensitive composition on a photogravure plated roll to form a positive-type photosensitive film, wherein positive-type photosensitive composition comprises:

(i) novolac resin, resol resin, polyvinyl phenolic resin or copolymer of acrylic acid derivative having phenolic hydroxyl group,

(ii) a phthalocyanine pigment or a cyanine pigment, said pigment having an absorbing region at a part of or an entire infrared wavelength range, having a characteristic for absorbing laser beam in the infrared wavelength region to perform a thermolysis, and

(iii) any one of adherence characteristic reforming agents selected from the groups consisting of

- (a) vinyl pyrrolidone/vinylacetate copolymers,
- (b) polyvinylbutyral,
- (c) styrene/maleic acid copolymers,
- (d) vinylpyrrolidone/dimethylaminoethylmethacrylate copolymers,
- (e) terpolymers of vinylpyrrolidone/vinylcaprolactam/dimethylamino ethyl methacrylate,
- (f) terphenenolic resin,
- (g) alkylphenolic resin,
- (h) polyvinylformal resin,
- (i) melamine/formaldehyde resin,
- (j) polyvinyl acetate, and
- (k) ketone resin,

(B) exposing an image at the positive-type photosensitive film with a laser of infrared wavelength range, and

(C) developing the positive-type photosensitive film with alkaline developing liquid without burning after the coating step.